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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/986,191

DATE: 11/16/2001  
 TIME: 07:59:56

Input Set : A:\PF256D1C1.ST25.txt  
 Output Set: N:\CRF3\11162001\I986191.raw

3 <110> APPLICANT: Ni et al.  
 5 <120> TITLE OF INVENTION: Chemotactic Cytokine III  
 7 <130> FILE REFERENCE: PF256D1C1  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/986,191  
 C--> 9 <141> CURRENT FILING DATE: 2001-11-07

9 <150> PRIOR APPLICATION NUMBER: US 09/329,331  
 10 <151> PRIOR FILING DATE: 1999-06-10  
 12 <150> PRIOR APPLICATION NUMBER: US 08/812,003  
 13 <151> PRIOR FILING DATE: 1997-03-05  
 15 <150> PRIOR APPLICATION NUMBER: US 60/013,609  
 16 <151> PRIOR FILING DATE: 1996-03-05

18 <160> NUMBER OF SEQ ID NOS: 9  
 20 <170> SOFTWARE: PatentIn version 3.1

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 371

24 <212> TYPE: DNA

25 <213> ORGANISM: Homo sapiens

27 <220> FEATURE:

28 <221> NAME/KEY: CDS

29 <222> LOCATION: (58)..(300)

30 <223> OTHER INFORMATION:

33 <220> FEATURE:

34 <221> NAME/KEY: sig\_peptide

35 <222> LOCATION: (58)..(141)

36 <223> OTHER INFORMATION:

39 <220> FEATURE:

40 <221> NAME/KEY: mat\_peptide

41 <222> LOCATION: (142)..(303)

42 <223> OTHER INFORMATION:

45 <400> SEQUENCE: 1

46	ctc	gag	ctg	g	agt	cgg	agt	t	gta	acg	ctc	act	gac	t	gat	aga	gcg	acc	g	ccg	acc	57
48	atg	gcg	ccc	gga	gtg	gcc	cgc	ggg	ccg	acg	ccg	tac	tgg	agg	ttg	cgc						105
49	Met	Ala	Pro	Gly	Val	Ala	Arg	Gly	Pro	Thr	Pro	Tyr	Trp	Arg	Leu	Arg						
50				-25						-20						-15						
52	ctc	ggt	ggc	gcc	gcg	ctg	ctc	ctg	ctg	ctc	atc	ccg	gtg	gcc	gcc	gcg					153	
53	Leu	Gly	Gly	Ala	Ala	Leu	Leu	Leu	Leu	Ile	Pro	Val	Ala	Ala	Ala							
54				-10						-5				-1	1							
56	cag	gag	cct	ccc	gga	gct	gct	tgt	tct	cag	aac	aca	aac	aaa	acc	tgt					201	
57	Gln	Glu	Pro	Pro	Gly	Ala	Ala	Cys	Ser	Gln	Asn	Thr	Asn	Lys	Thr	Cys						
58	5				10					15				20								
60	gaa	gag	tgc	ctg	aag	aac	gtc	tcc	tgt	ctt	tgg	tgc	aac	act	aac	aag					249	
61	Glu	Glu	Cys	Leu	Lys	Asn	Val	Ser	Cys	Leu	Trp	Cys	Asn	Thr	Asn	Lys						
62				25					30				35									
64	gct	tgt	ctg	gac	tac	cca	gtt	aca	agc	gtc	ttg	cca	ccg	gct	ttc	cct					297	
65	Ala	Cys	Leu	Asp	Tyr	Pro	Val	Thr	Ser	Val	Leu	Pro	Pro	Ala	Phe	Pro						
66				40					45				50									
68	ttg	taa	att	gag	c	tct	gc	cac	gct	g	ggg	gag	t	ttg	g	gtg	aac	t	ttg	agg	gcg	350

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69 Leu
72 tgatcatcac catgtcggta g 371
75 <210> SEQ ID NO: 2
76 <211> LENGTH: 81
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 2
82 Met Ala Pro Gly Val Ala Arg Gly Pro Thr Pro Tyr Trp Arg Leu Arg
83      -25      -20      -15
86 Leu Gly Gly Ala Ala Leu Leu Leu Leu Ile Pro Val Ala Ala Ala
87      -10      -5      -1 1
90 Gln Glu Pro Pro Gly Ala Ala Cys Ser Gln Asn Thr Asn Lys Thr Cys
91 5      10      15      20
94 Glu Glu Cys Leu Lys Asn Val Ser Cys Leu Trp Cys Asn Thr Asn Lys
95      25      30      35
98 Ala Cys Leu Asp Tyr Pro Val Thr Ser Val Leu Pro Pro Ala Phe Pro
99      40      45      50
102 Leu
106 <210> SEQ ID NO: 3
107 <211> LENGTH: 24
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Contains an Nco I restriction site, which encodes a start
AUG
114 <400> SEQUENCE: 3
115 cgcccatggt ggccgccgcg cagg 24
118 <210> SEQ ID NO: 4
119 <211> LENGTH: 24
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Contains a BamHI restriction site
126 <400> SEQUENCE: 4
127 cgcaagcttg cagagctcaa ttta 24
130 <210> SEQ ID NO: 5
131 <211> LENGTH: 30
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Contains a BamHI restriction enzyme site followed by Kozak
sequen
137      ce
139 <400> SEQUENCE: 5
140 cgcgatccg ccatcatggc gcccgagtg 30
143 <210> SEQ ID NO: 6
144 <211> LENGTH: 24
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Contains an Asp718 restriction site

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151 <400> SEQUENCE: 6
152 cgcggtaccg cagagctcaa ttta                                24
155 <210> SEQ ID NO: 7
156 <211> LENGTH: 30
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Contains a Bam HI site and an AUG start codon
163 <400> SEQUENCE: 7
164 cgcggatcca ccatggcgcc cggagtggcc                            30
167 <210> SEQ ID NO: 8
168 <211> LENGTH: 54
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Contains an Xba I site, a stop codon, and an HA tag
175 <400> SEQUENCE: 8
176 cgggtctagat caagcgtagt ctgggacgtc gtatgggtac aaagggaaag ccgg        54
179 <210> SEQ ID NO: 9
180 <211> LENGTH: 71
181 <212> TYPE: PRT
182 <213> ORGANISM: Rattus norvegicus
184 <400> SEQUENCE: 9
186 Met Ala Pro Pro Thr Arg Arg Leu Leu Asn Ala Ala Leu Leu Leu Leu
187 1          5          10          15
190 Leu Leu Leu Met Ala Thr Ser His Gln Pro Ser Gly Thr Val Val Ala
191          20          25          30
194 Arg Glu Leu Arg Cys Gln Cys Leu Lys Thr Leu Pro Arg Val Asp Phe
195          35          40          45
198 Glu Asn Ile Gln Ser Leu Thr Val Thr Pro Pro Gly Pro His Cys Thr
199          50          55          60
202 Gln Thr Glu Val Ile Ala Thr
203 65          70

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/986,191

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Input Set : A:\PF256D1C1.ST25.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date